

5

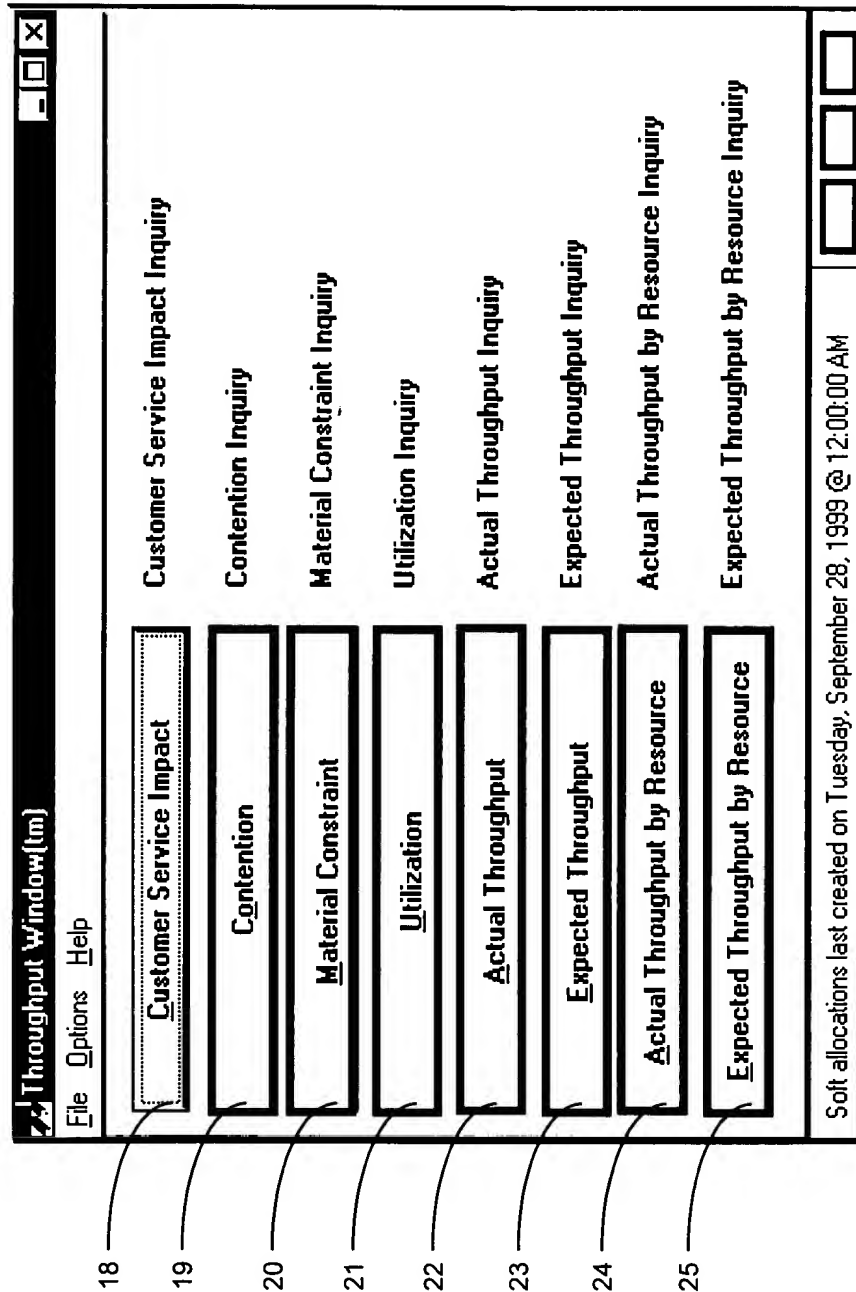


FIG. 1

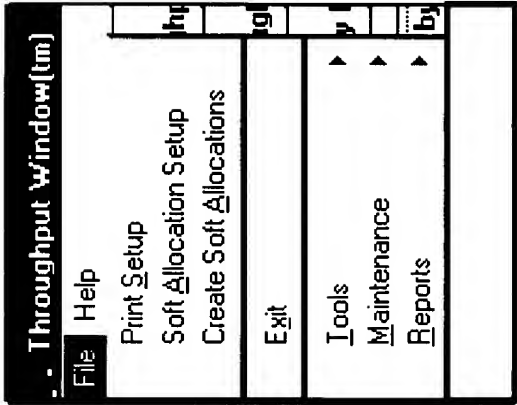


FIG. 2

SOFT ALLOCATIONS DATA TABLE

COLUMN	TYPE	SIZE	SCALE	DESCRIPTION
CUST_ORDER_ID	CHAR	15		ID OF CUSTOMER ORDER
CUST_ORDER_LINE_NO	SMALLINT			CUSTOMER ORDER LINE NUMBER
PART_ID	VARCHAR	30		PART ID, MIGHT BE NULL (LINKED COLI ONLY)
WO_BASE_ID	VARCHAR	30		WORK ORDER ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
WO_LOT_ID	VARCHAR	3		WORK ORDER LOT ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
WO_SPLIT_ID	VARCHAR	3		WORK ORDER SPLIT ID, MIGHT BE NULL (INDICATING INVENTORY AS SUPPLY SOURCE)
SUPPLY_DATE	TIMESTAMP	10		DATE OF SUPPLY
QUANTITY	DECIMAL	14	4	QUANTITY ALLOCATED TO THIS CUSTOMER ORDER LINE ITEM FROM THIS SOURCE

FIG. 3

Soft Allocation Setup

Execution Schedule

☐ Sunday

☐ Monday

☐ Tuesday

☐ Wednesday

☐ Thursday

☐ Friday

☐ Saturday

@

@

@

@

@

@

@

Selection

☒ Allocate Linked Orders First

☐ Allocate Unavailable Inventory

☐ Allocate On-Hold Inventory

☐ Show Status Meter While Calculating

Create

Cancel

Save

FIG. 4

Throughput Window

?

Calculate Soft Allocations now?

Yes

No

FIG. 5

Customer Service Impact

Base Date 04/17/2001 ☒ Round Up Finish Date if Time After 5:00:00 PM

Late-By Date ☒ Desired Ship Date ☐ Orig Promise Date

Graph Options ☒ Monthly ☐ Weekly ☐ Daily

Last Day of Week

Customer Service Measurement ☒ Days Late ☐ Value-days Late

☐ Value Late ☐ Opportunity Lost Yield %

Unallocated Work Orders ☒ Include with COs ☐ Work Orders Only

☐ Price by Unit Price ☒ Price by Projected Cost

Selected Schedules

FIX_RELIND
INCR FASSY
INCR FASSY & QC
MRP PLAN
STANDARD
STD_NO_MTL
What if

Use Selected Customers ☒ Edit List

RELIANCE INDUSTRIES

Ok Cancel Print

FIG. 6

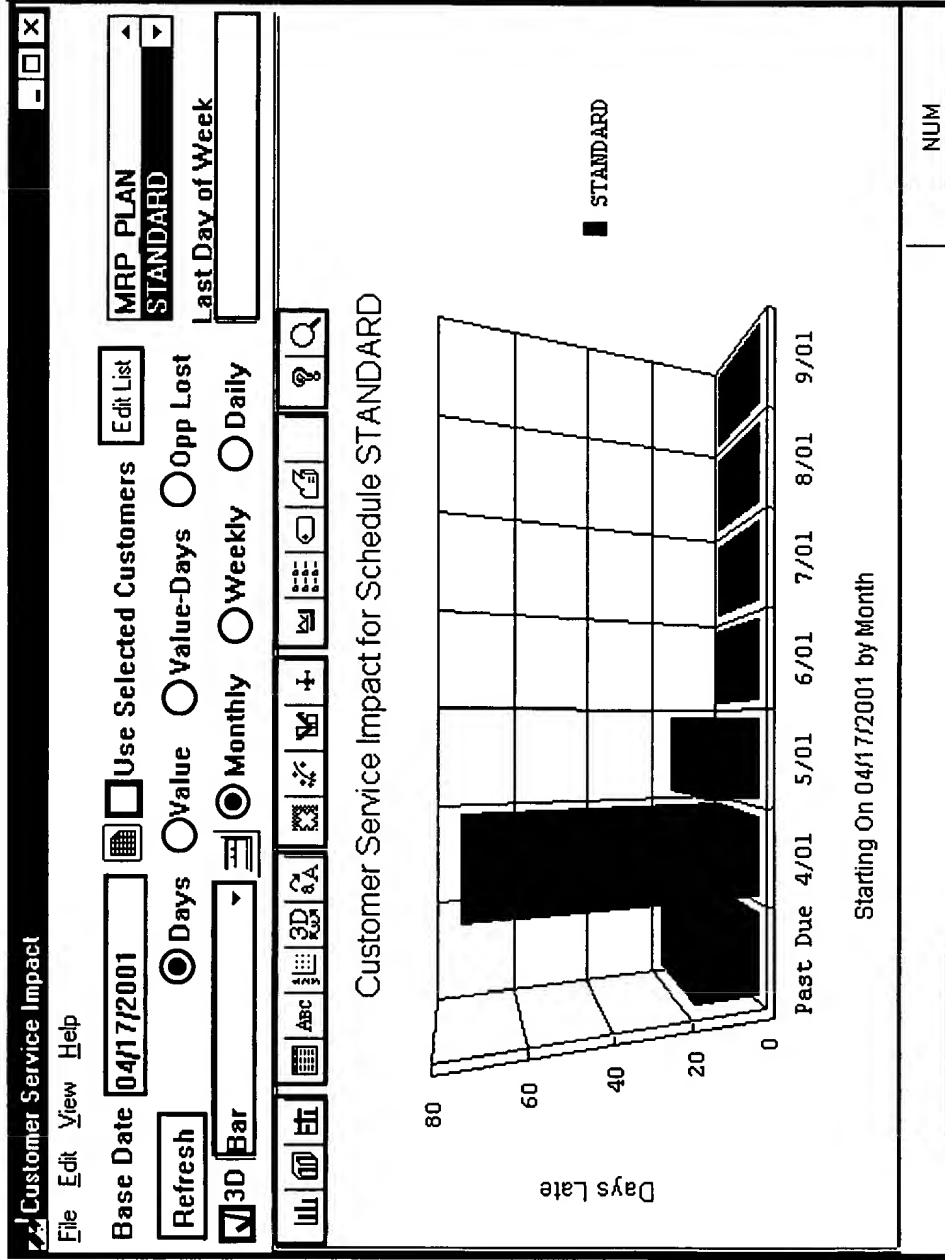
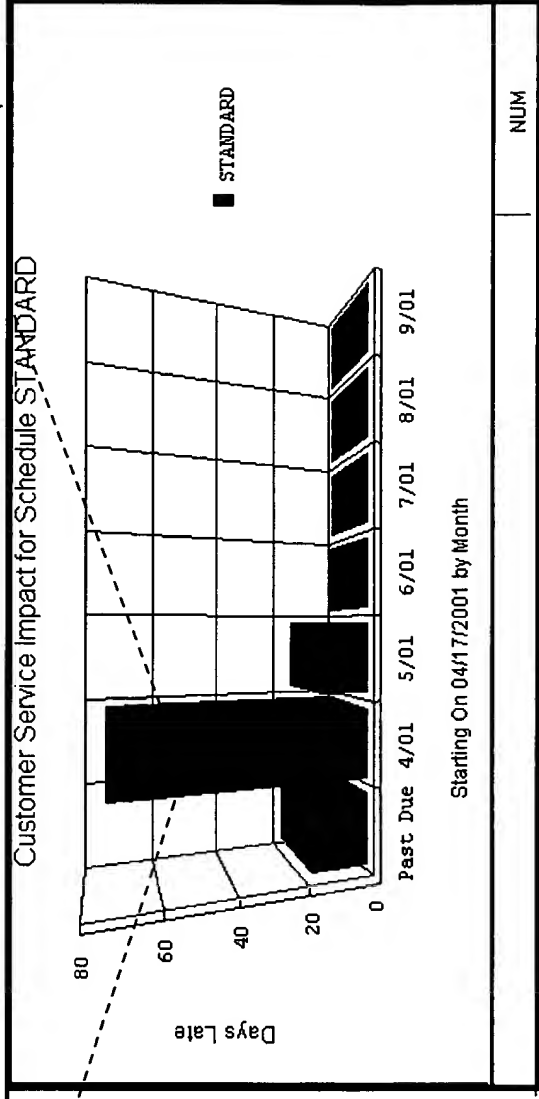


FIG. 7

FIG. 8

Customer Service Impact Detail - [STANDARD 04/17/2001-04/30/2001]													
File		Edit		Options		Help							
Customer Order	Customer Name	Part ID	Part Description	Unshipped Qty	Allocated Qty	Unit Price	Want Date	Work Order Sched Fin Date	Work Order ID	Days Late	Dollars Late	Dollar-D Late	
02012/2	WINSLOW SE	MMT-19	WALL MOUNT	120	4	\$120.00	04/18/2001	04/30/2001	40022/1	12.00	\$367.20	\$4.40	
02012/2	WINSLOW SE	MMT-19	WALL MOUNT	120	70	\$120.00	04/18/2001	04/20/2001	40033/1	2.00	\$6,426.00	\$12.85	
02043/1	RELIANCE INC			18	18	\$698.77	04/20/2001	04/26/2001	40048/1	6.00	\$11,320.07	\$67.92	
02015/1	RELIANCE INC	MMT-19	DESK MODEL	90	58	\$115.00	04/23/2001	04/24/2001	40036/1	1.00	\$5,282.64	\$5.28	
02015/2	RELIANCE INC	MMT-19	WALL MOUNT	100	16	\$120.00	04/23/2001	04/30/2001	40022/1	7.00	\$1,520.64	\$10.64	
02015/2	RELIANCE INC	MMT-19	WALL MOUNT	100	50	\$120.00	04/23/2001	05/02/2001	40034/1	9.00	\$4,752.00	\$42.76	
02015/2	RELIANCE INC	MMT-19	WALL MOUNT	100	20	\$120.00	04/23/2001	05/29/2001	40023/1	36.00	\$1,900.80	\$68.42	
02040/1	CLEAR SKY IN			60	60	\$350.00	04/30/2001	05/01/2001	40045/1	1.00	\$21,000.00	\$21.00	
										74.00	\$52,569.35	\$233.30	
											NUM		
Days = 74.00 Dollars = \$52,569.35 Dollar-Days = \$233,302.74 Opp Lost = \$31.95													



230

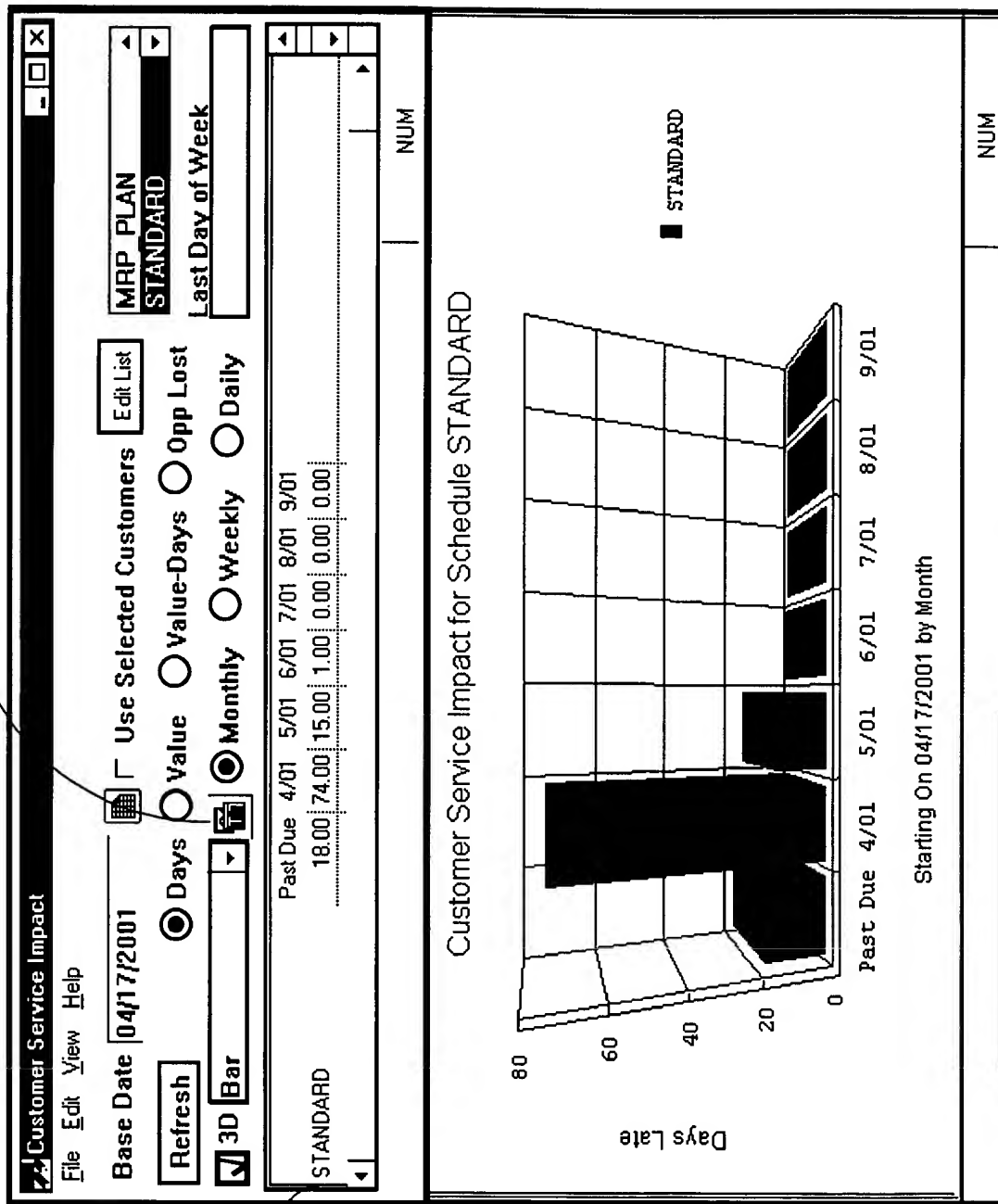


FIG. 9

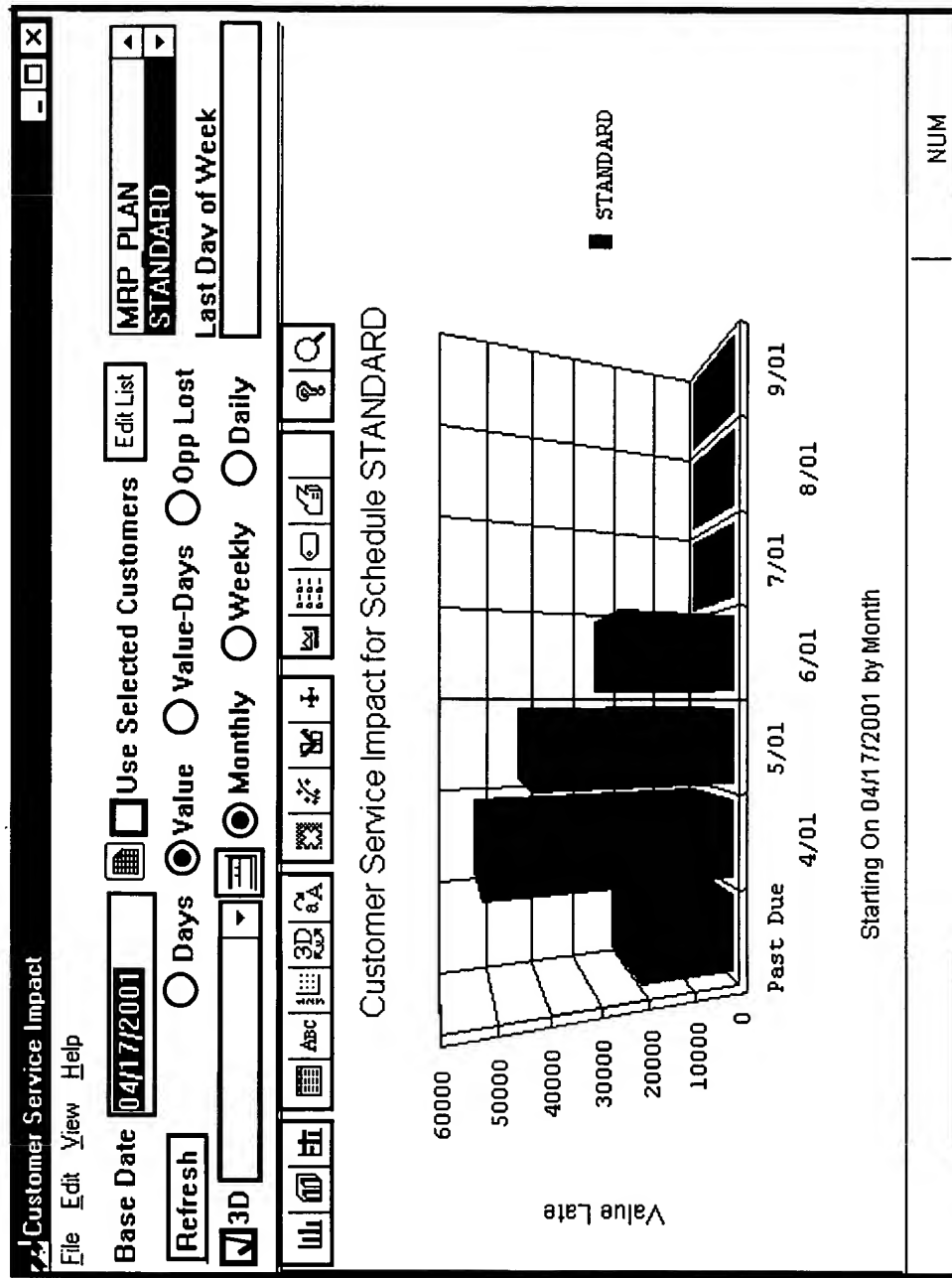
[illegible]

FIG. 10

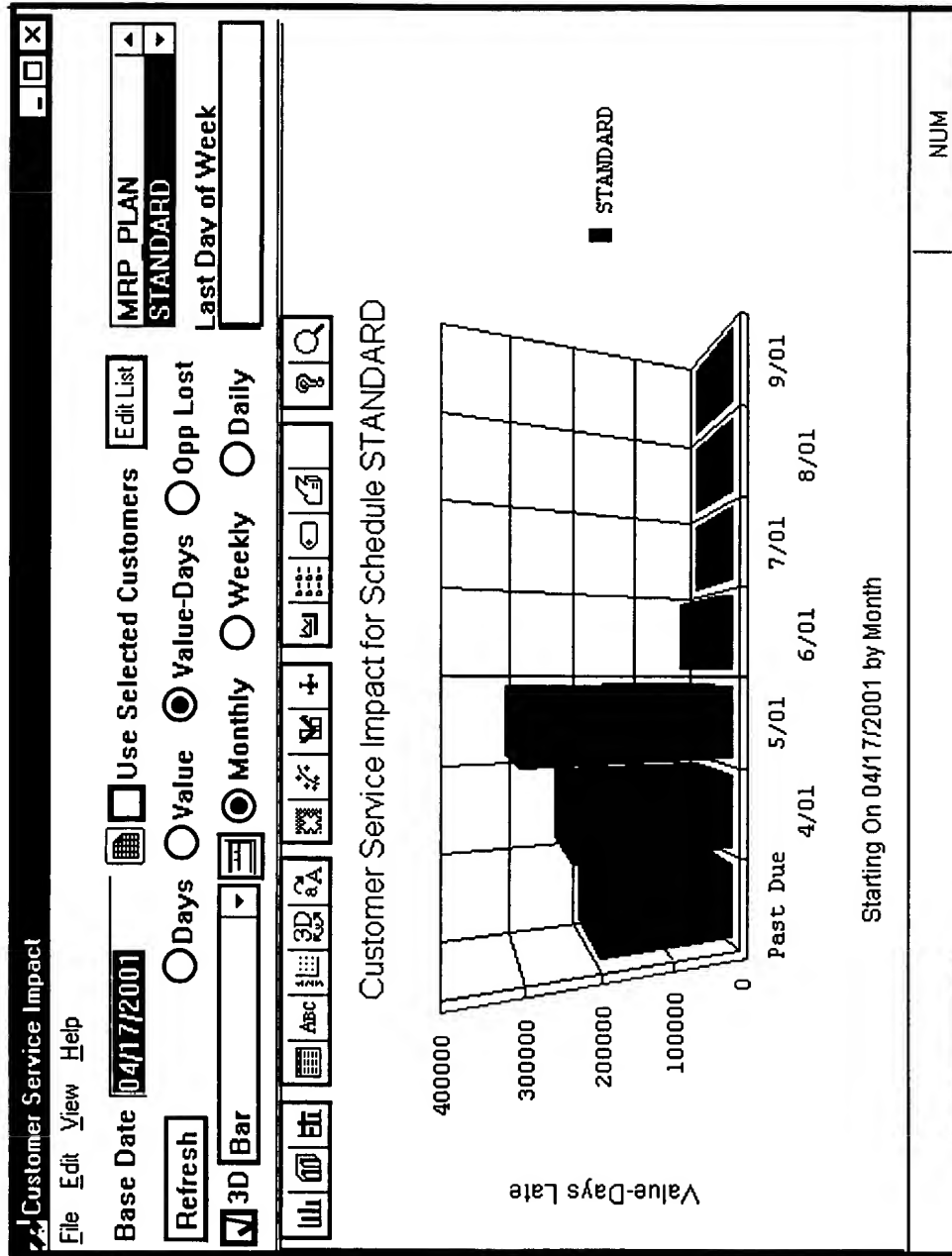


FIG. 11

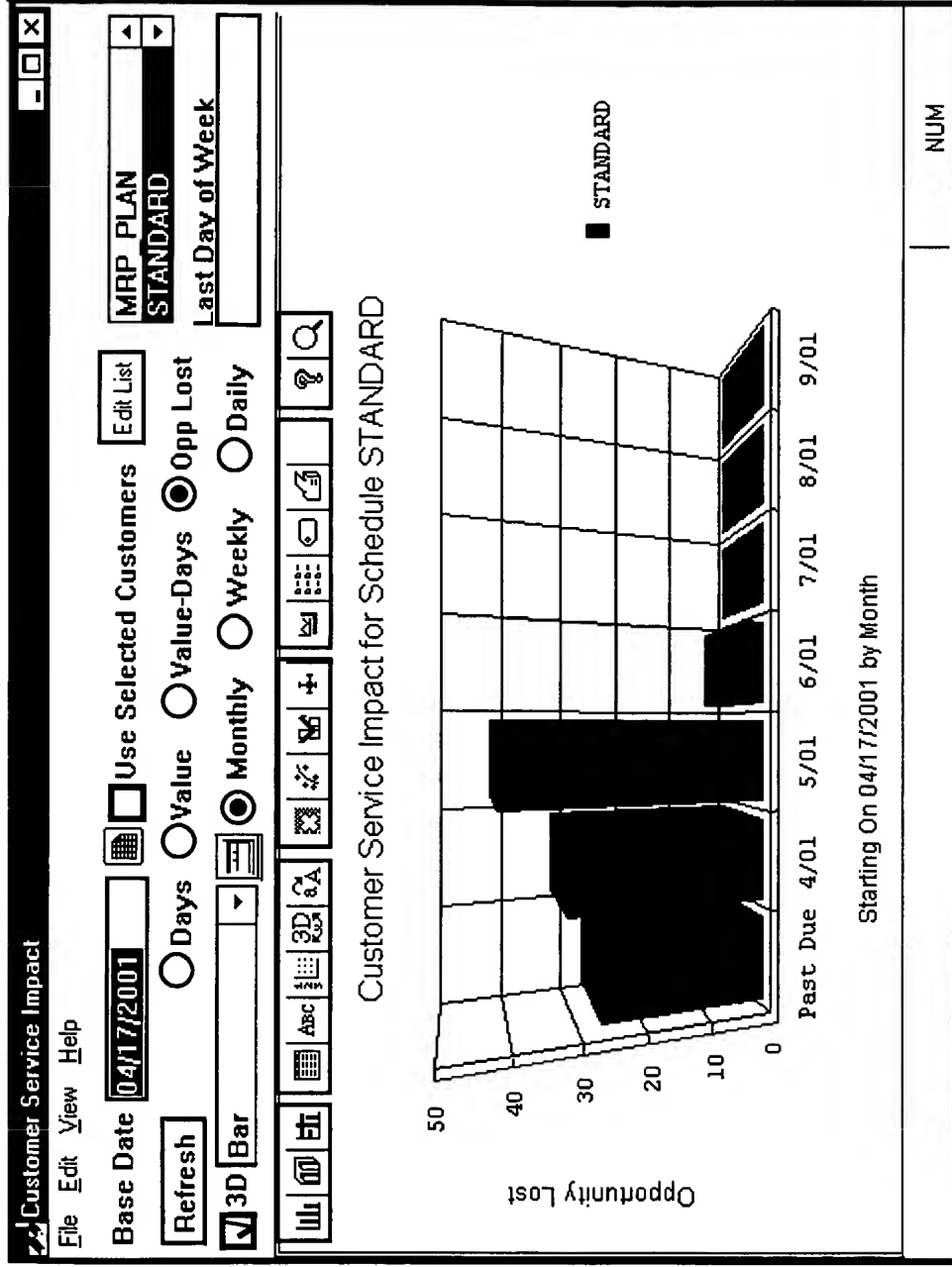


FIG. 12

Customer Service Impact

X

Base Date4/17/2001

☒ Round Up Finish Date if Time After5:00:00 PM

Graph Options

☒ Monthly

☐ Weekly

☐ Daily

Last Day of Week

Customer Service Measurement

☒ Days Late

☐ Dollars Late

☐ Opportunity Lost

☐ Dollar-days Late

Yield %

Selected Schedules

INCR FASSY
INCR FASSY & QC
MRP PLAN
STANDARD
STD_NO_MTL

☒ Use Selected Customers

Edit List

ABLE MANUFACTURING
CENTRE GROUP
CLEAR SKY INDUSTRIES
FINE MANUFACTURERS
FLEET BANK
STANDARD PRODUCTS CORPORATION

Ok

Cancel

Print

250

FIG. 13

Customer Service Impact

Base Date04/17/2001

☒ Round Days Late Up if Finish After

5:00:00 PM

Late-By Date

☒ Desired Ship Date

☐ Orig Promise Date

Graph Options

☒ Monthly

☐ Weekly

☐ Daily

Last Day of Week

Customer Service Measurement

☒ Days Late

☐ Value-days Late

☐ Value Late

☐ Opportunity Lost

Yield %

Unallocated Work Orders

☐ Include with COs

☐ Work Orders Only

☒

☒

Ok

Cancel

Print

Selected Schedules

FIX_RELIND

INCR_FASSY

INCR_FASSY & QC

MRP_PLAN

STANDARD

STD_NO_MTL

What if

☒ Use Selected Customers

Edit List

RELANCE INDUSTRIES

250

FIG. 14

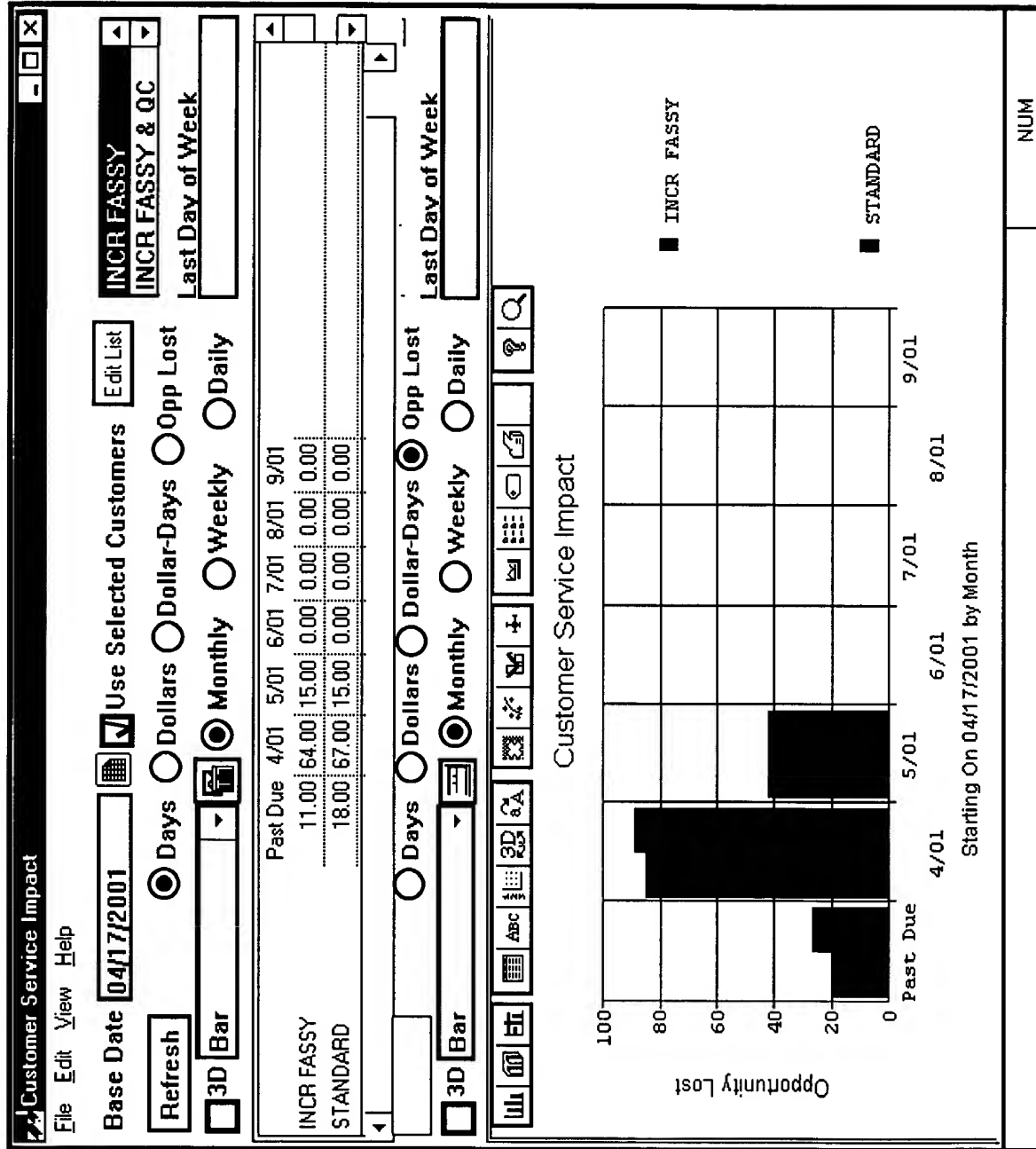


FIG. 15

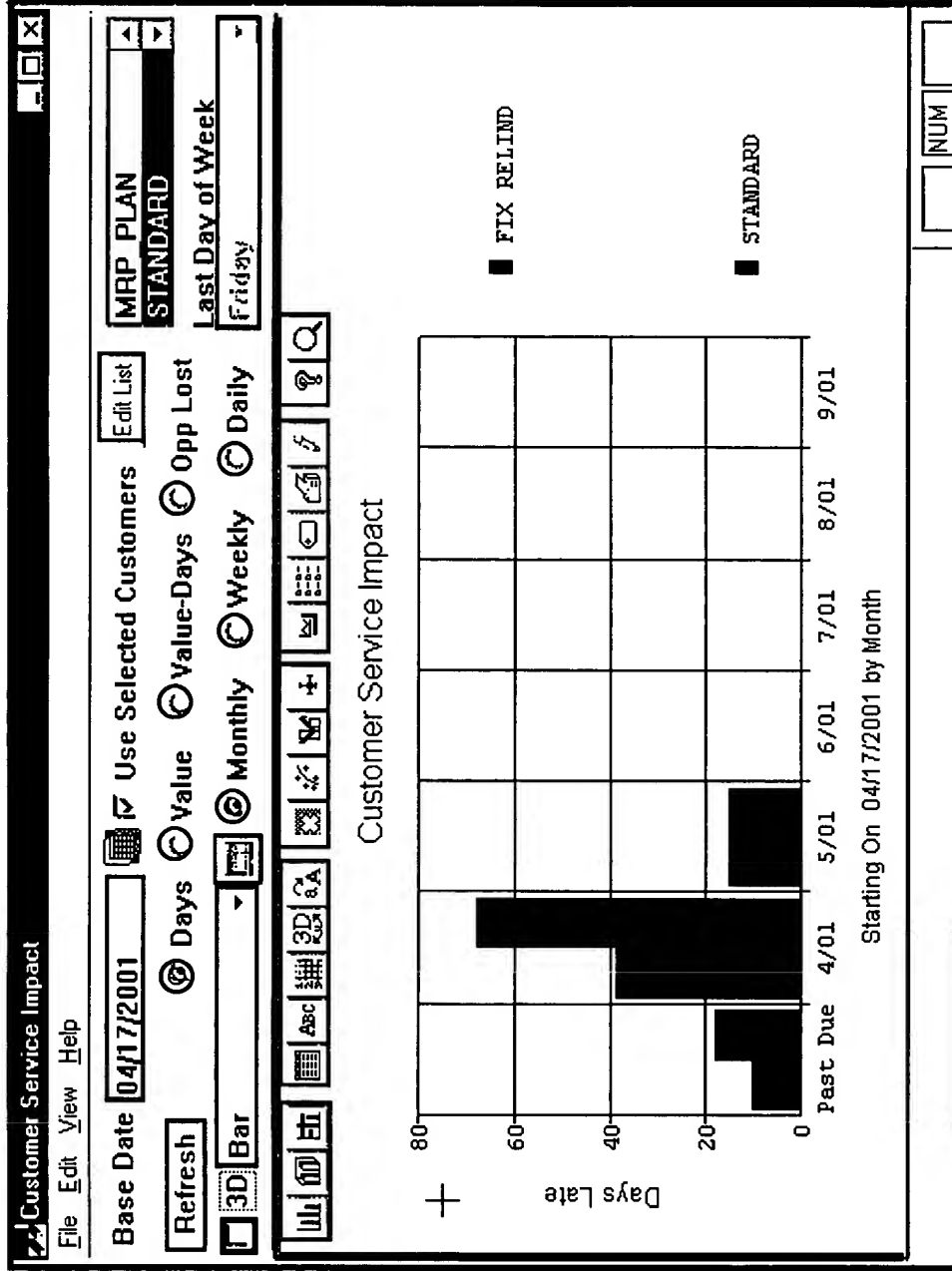


FIG. 16A

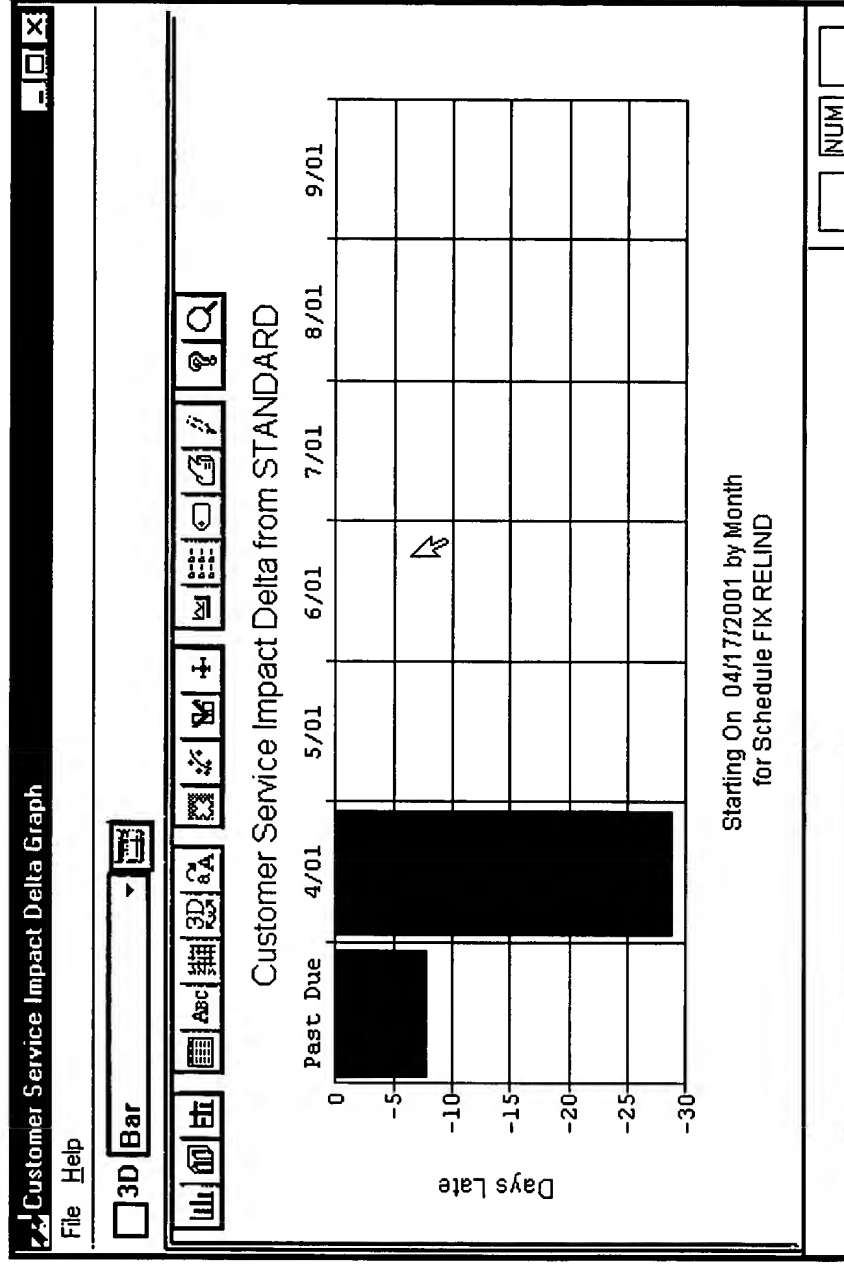


FIG. 16B

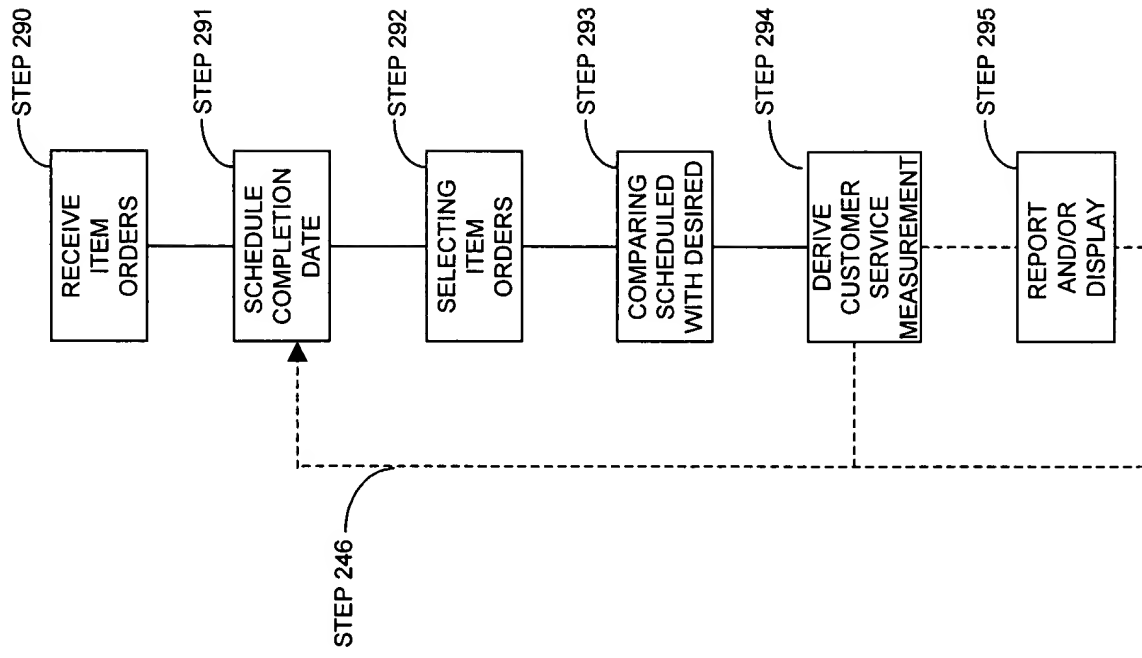


FIG. 17

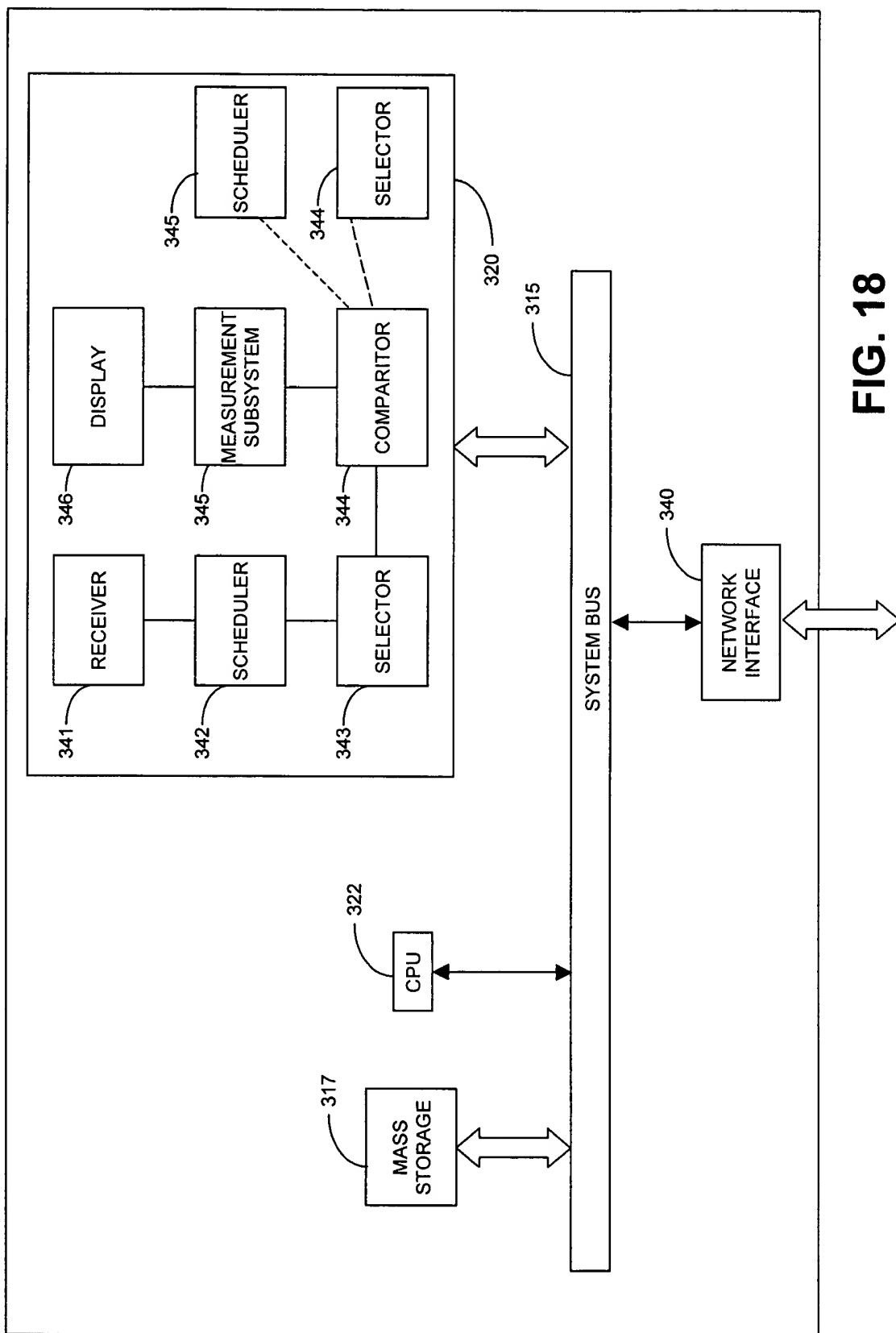


FIG. 18

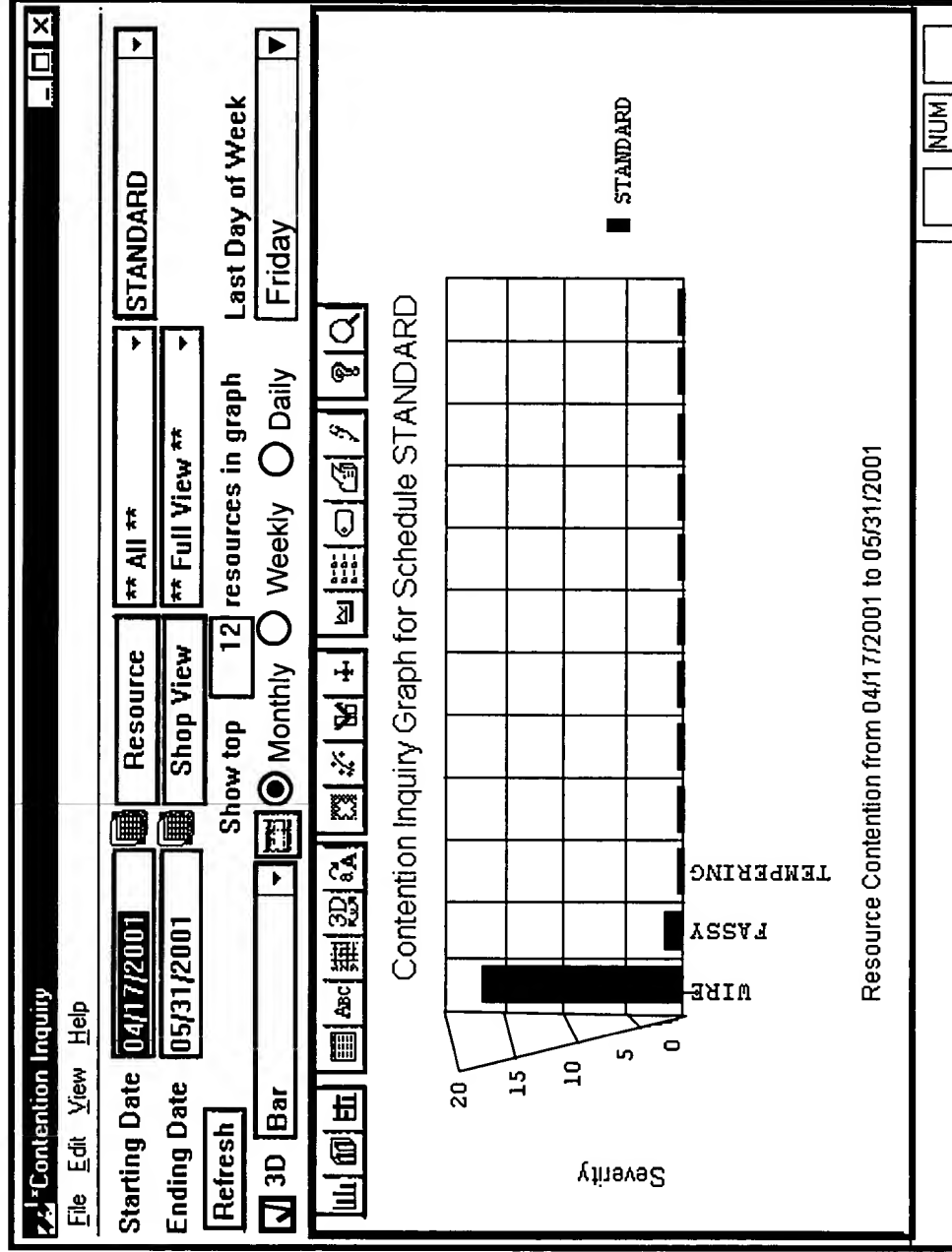


FIG. 20

[illegible]

FIG. 21